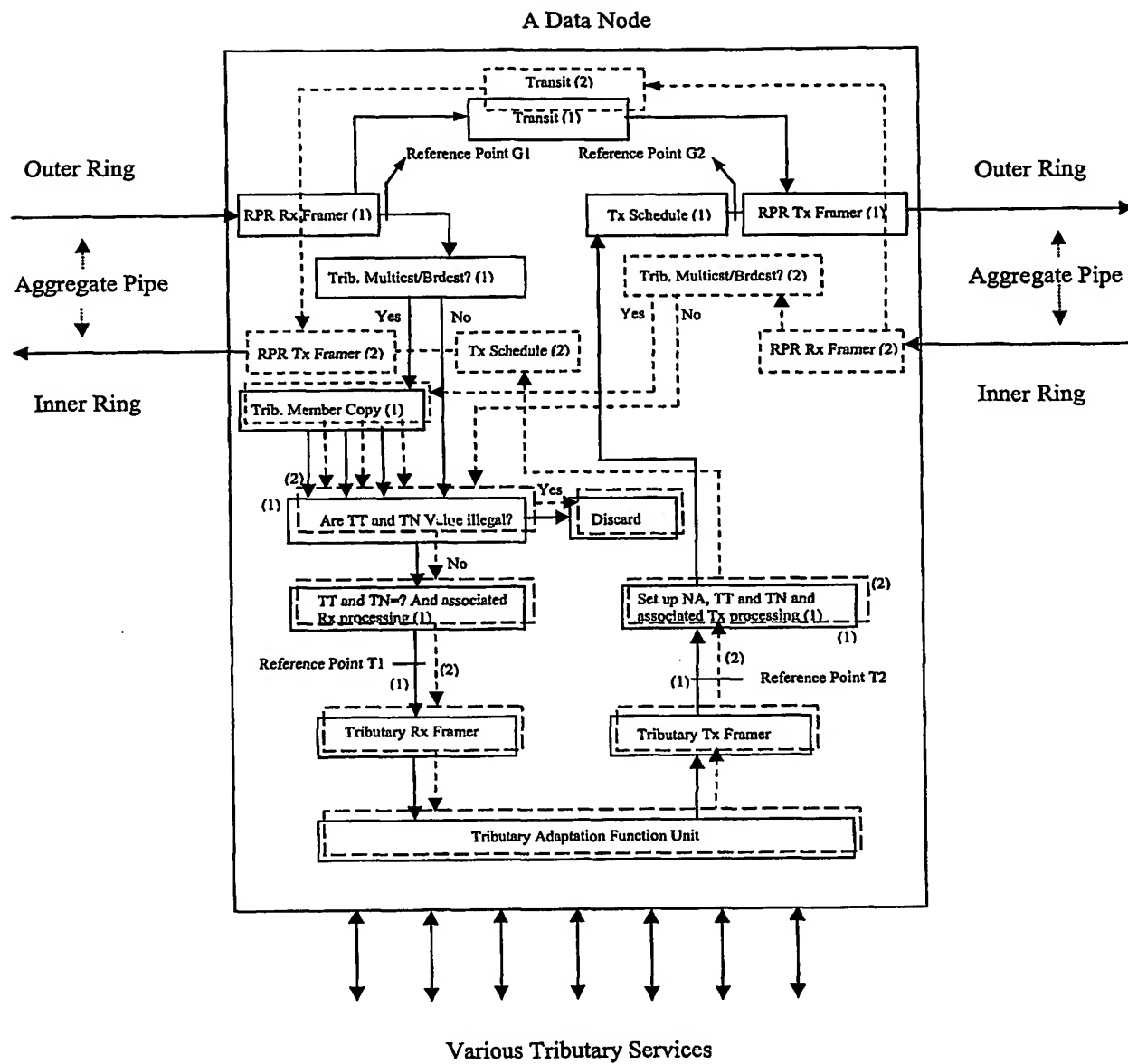


FIG. 1

MAC Architecture of IEEE 802.17 Lite based on MSR

**FIG. 2****Tx and Rx Diagram of a Data Node**

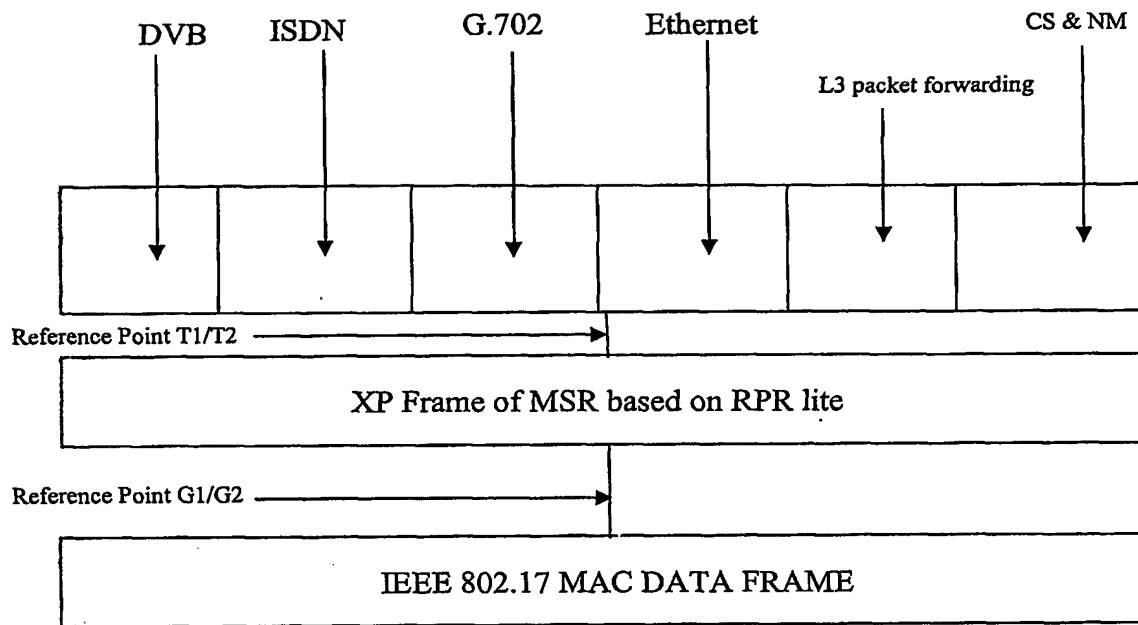


Fig. 3

### Generic Protocol Stack of MSR Based on RPR Lite

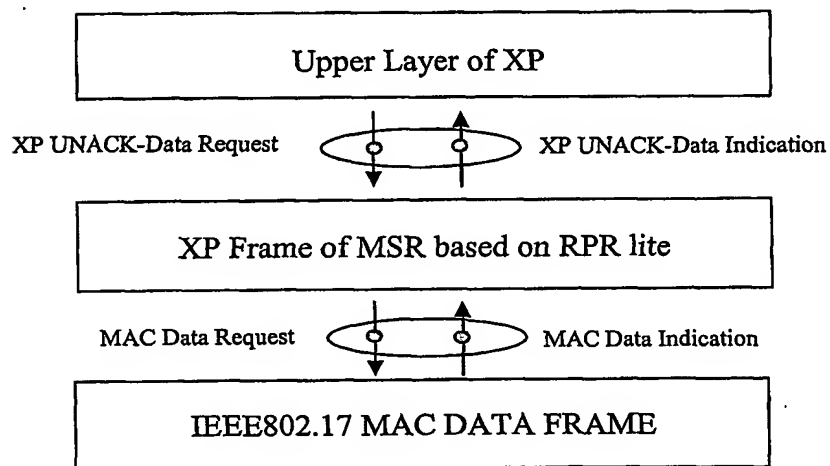
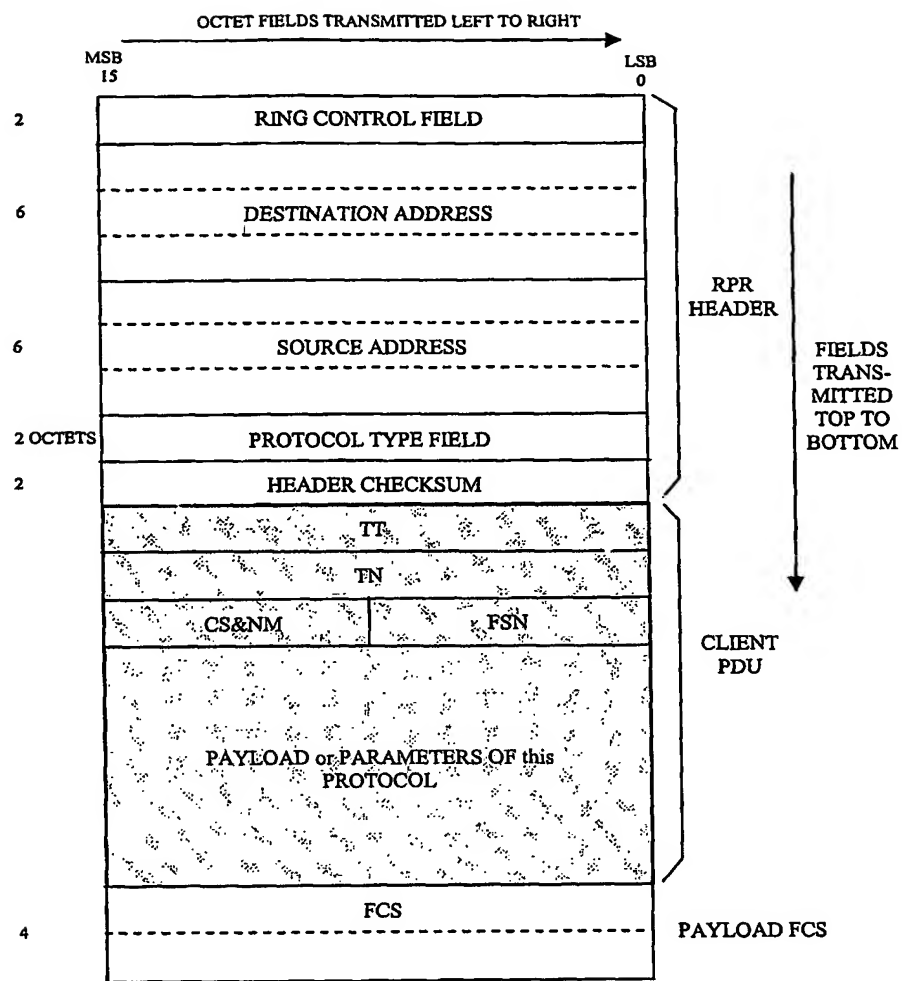


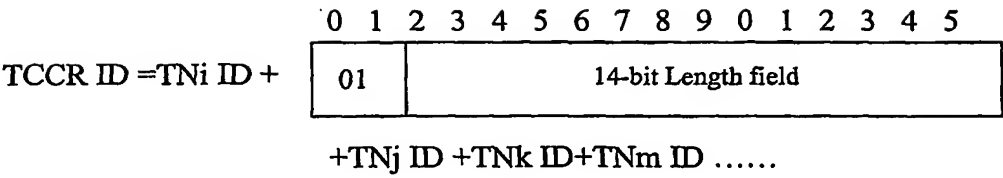
Fig. 4

### Relationship between XP and RPR MAC, Upper Layer and XP

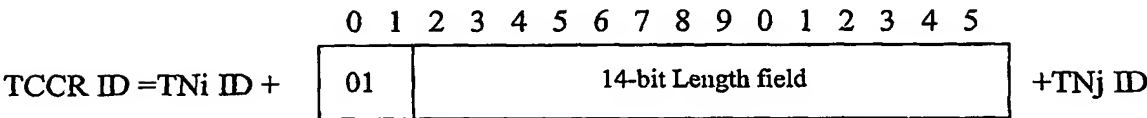


*FE field = "0", PT field = "3", Protocol type field is a fixed value.*

**Fig. 5**  
**Generic Frame Format**



Node based multicast/broadcast Mode



Unicast Mode

Fig. 6

Expressions of TN ID and TCCR ID

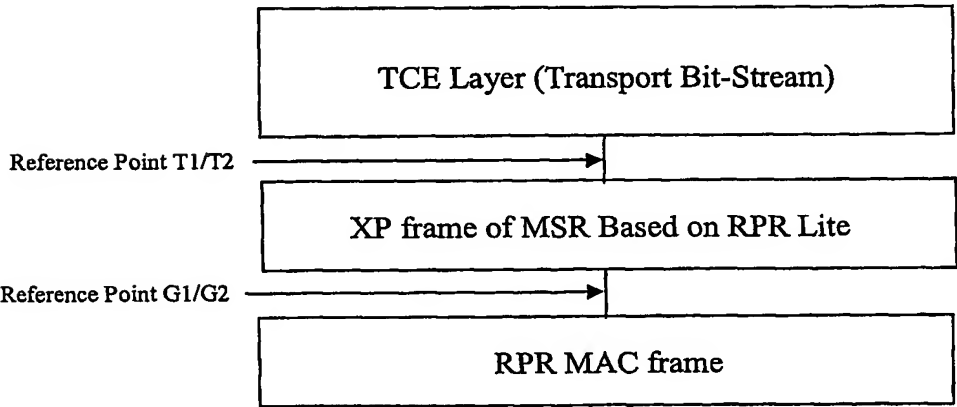
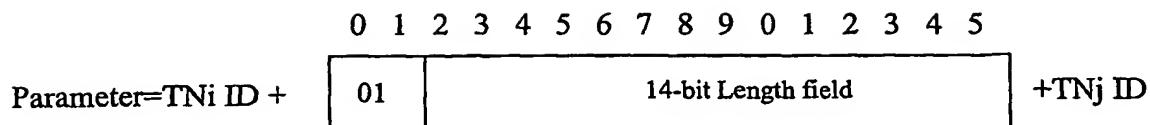


FIG. 7

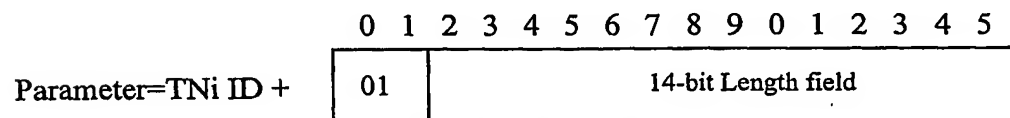
TDM SERVICE CHANNEL OVER RPR MAC FRAME USING XP



Full duplex point-to-point Mode

**Fig. 8**

**Expressions of 1+1 and 1:1 tributary protection parameters**

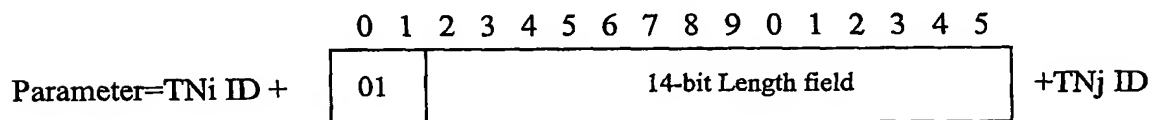


+TNj ID +TNk ID + TNm ID +.....

Full duplex point-to-point Mode

**Fig. 9**

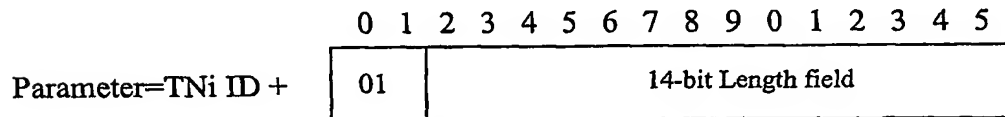
**Expressions of 1:N tributary protection parameter**



Full duplex point-to-point Mode

**Fig. 10**

**Expressions of 1+1 and 1:1 tributary protection parameters**



+TNj ID +TNk ID + TNm ID +.....

Full duplex point-to-point Mode

**Fig. 11**

**Expressions of 1:N tributary protection parameter**

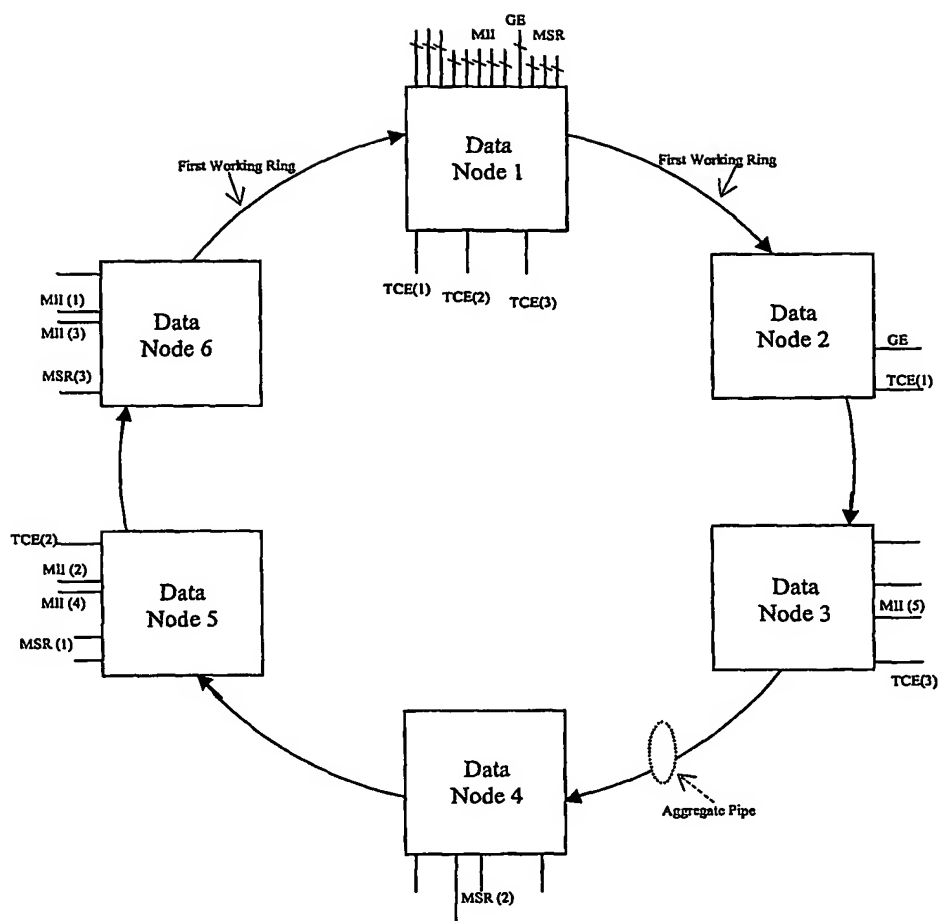


FIG. 12

### The Single Fibre Ring of RPR

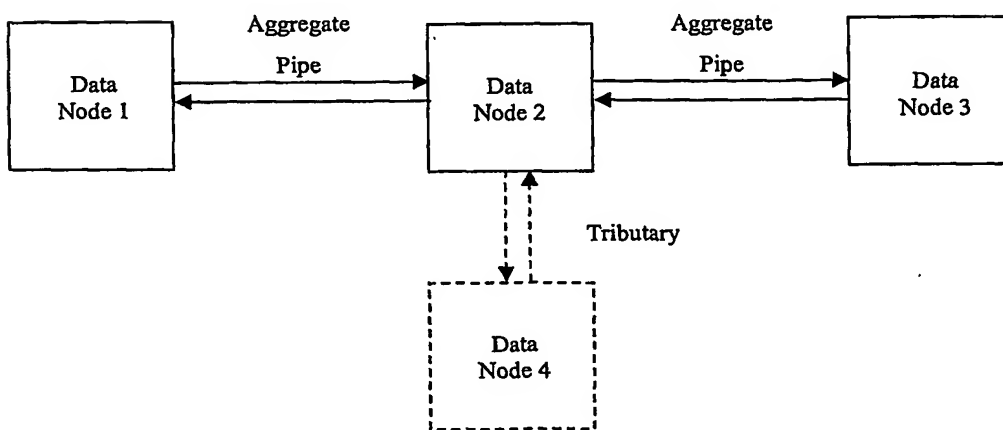


FIG. 13

### A RPR Topology, Link-type with Adding and Dropping Tributary Services

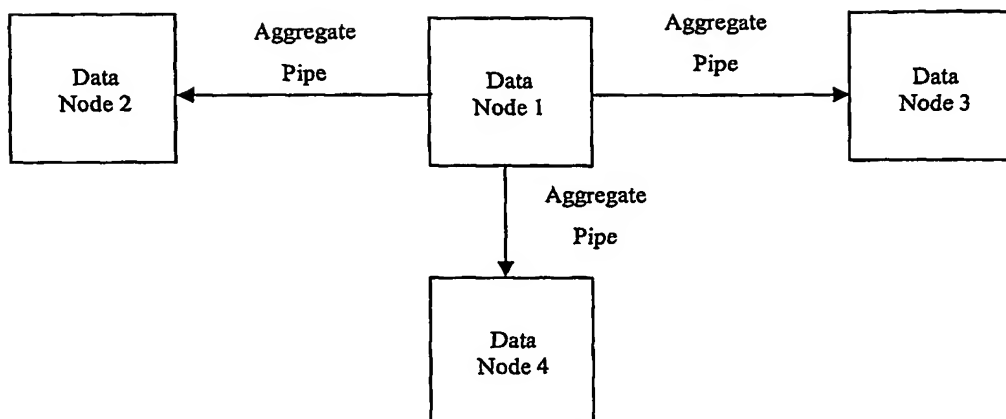


FIG. 14

**A RPR Topology, Broadcast Connection to DVB Application**

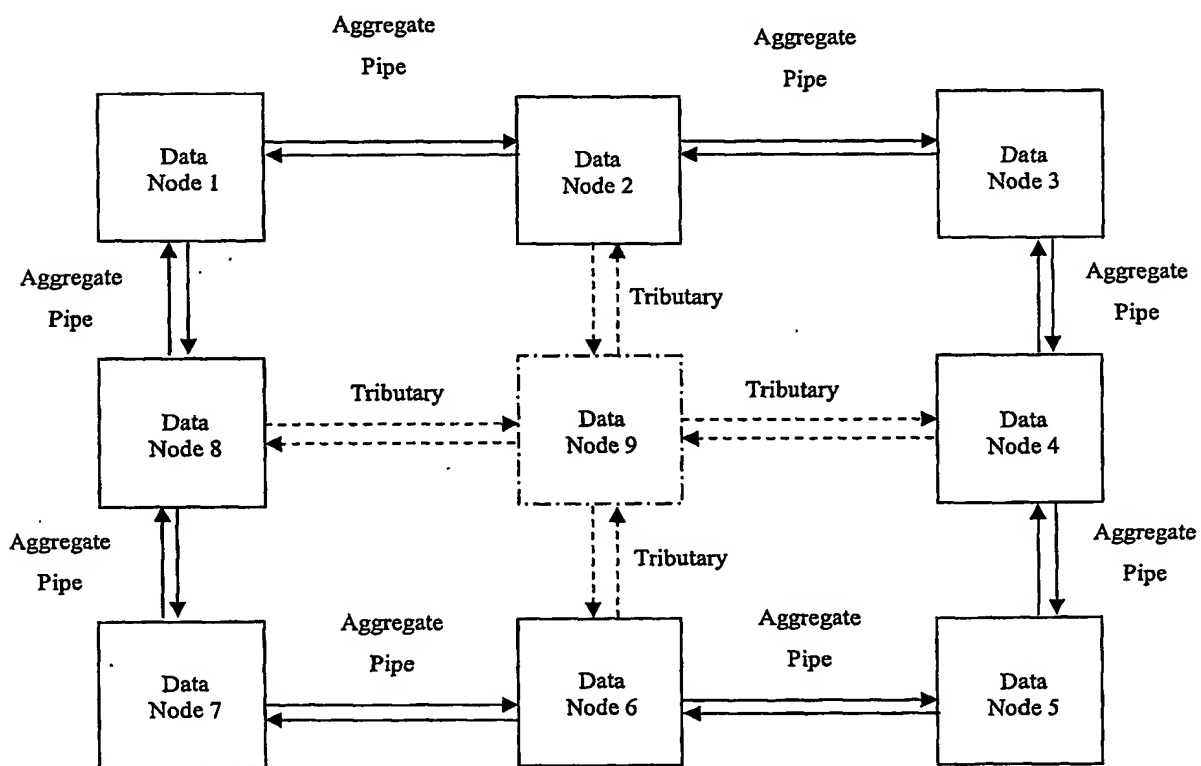


FIG. 15

**A RPR Lite Topology, Pseudo-mesh Connection**



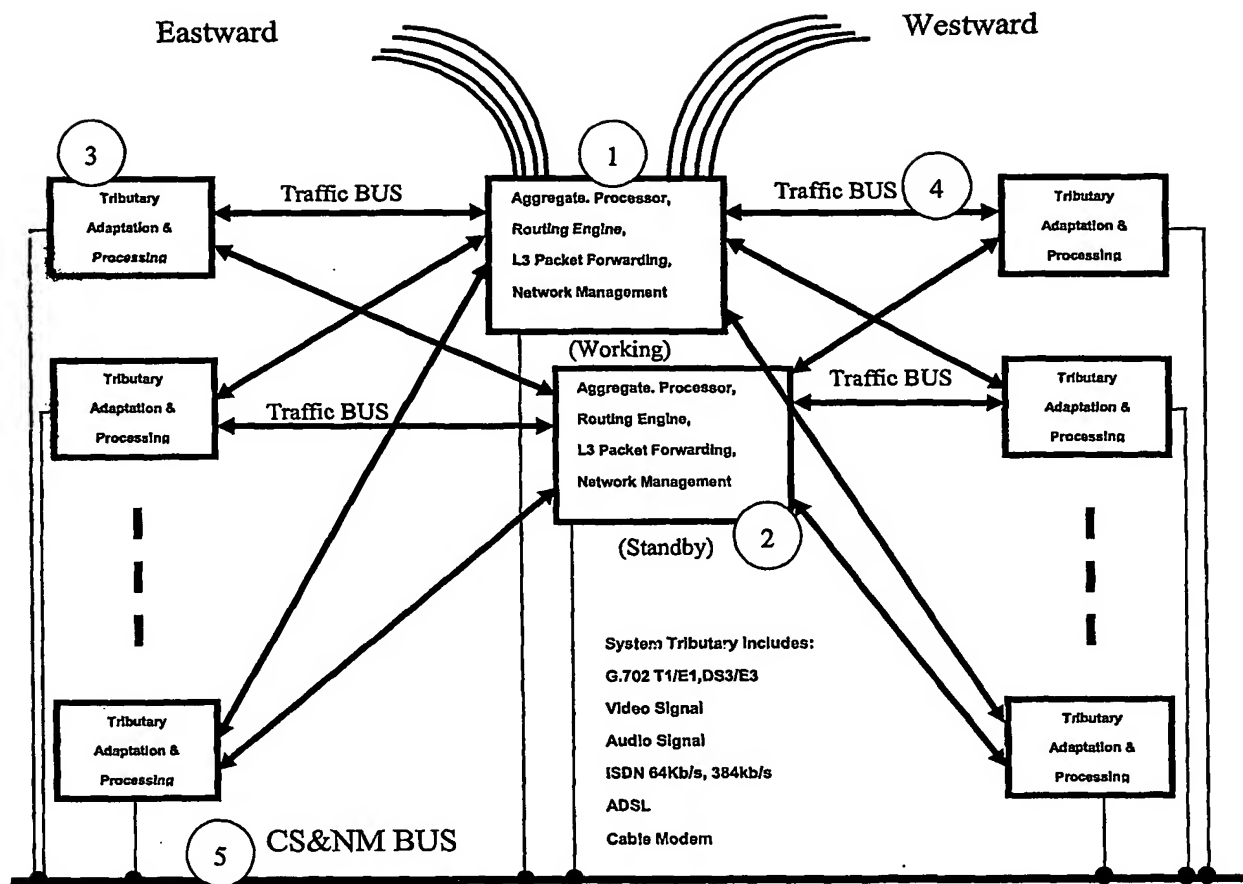


FIG. 16

The Physical Architecture of a RPR Lite node (Out-of-band CS&NM Bus)

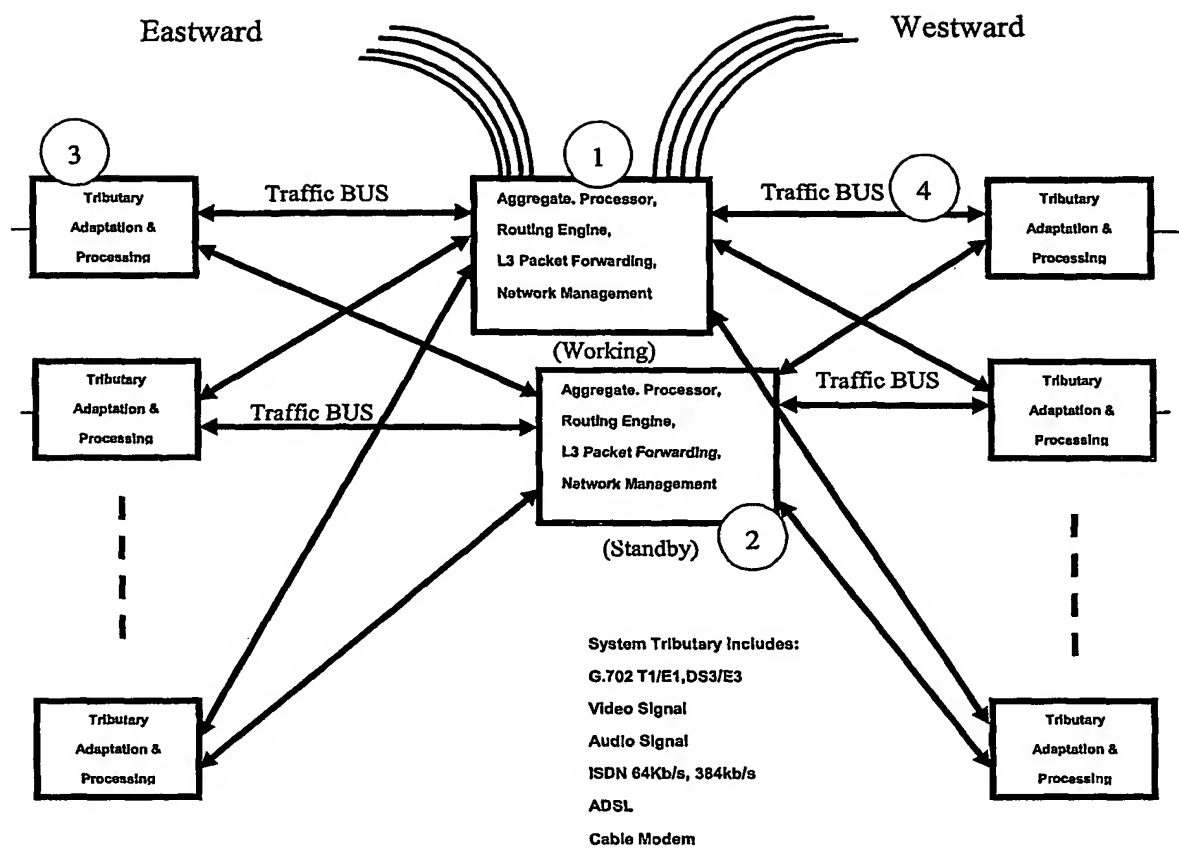
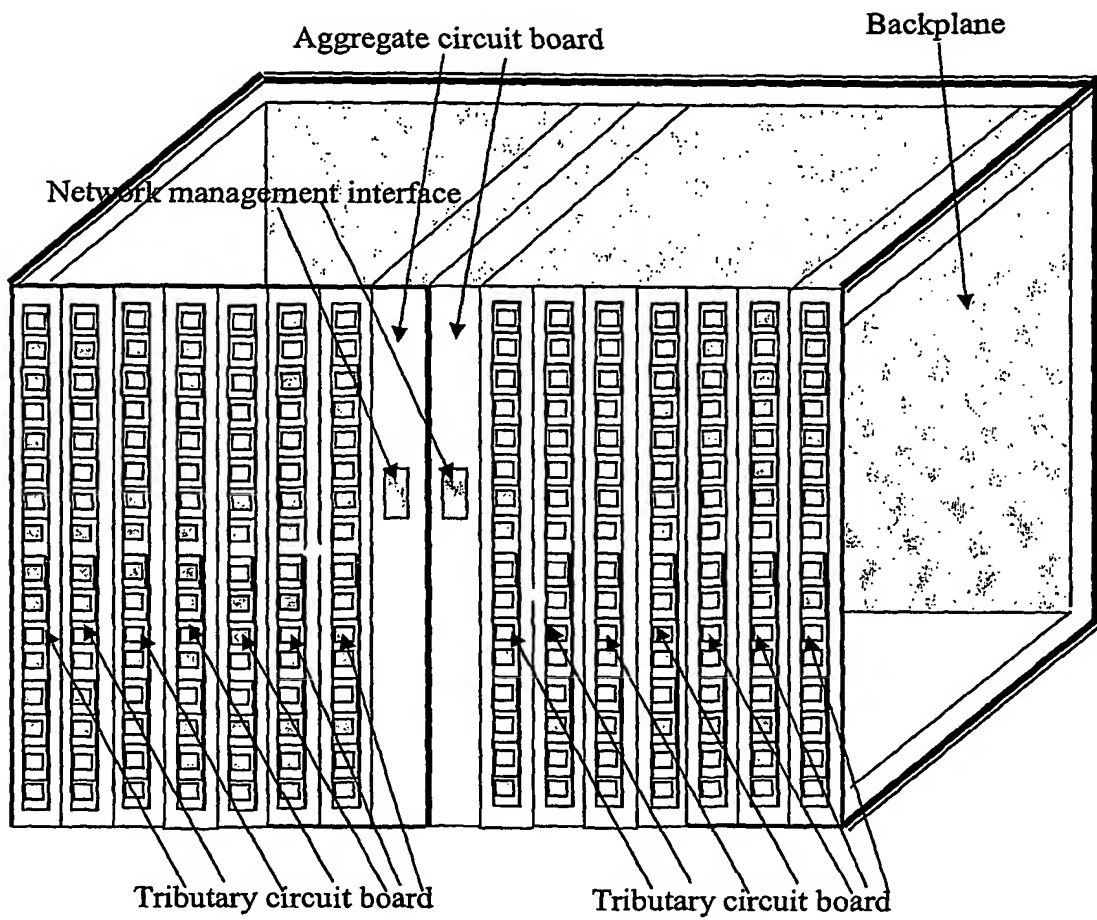


FIG. 17

The Physical Architecture of a RPR Lite node (in-band CS&NM Bus)

**FIG. 18**

**Layout of system equipment of a RPR Lite node**